

DATASHEET

TRAF2 Mouse Monoclonal Antibody(C3008)

CAT. NO. AMA02620

KEY FEATURES

Target	TRAF2	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

E3 ubiquitin-protein ligase that regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis . Catalyzes 'Lys-63'-linked ubiquitination of target proteins, such as BIRC3, IKBKE, MLST8, RIPK1 and TICAM1 . Is an essential constituent of several E3 ubiquitin-protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases . Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation; this does not depend on the TRAF2 RING-type zinc finger domain . Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR . In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to TRAF2
Specificity	Recognizes endogenous levels of TRAF2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRAF2 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 56 kD; Observed: 55 kD kD
Form/Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	TRAP3; TNF receptor-associated factor 2; E3 ubiquitin-protein ligase TRAF2; Tumor necrosis factor type 2 receptor-associated protein 3
Gene Symbol	TRAF2
Entrez Gene	7186(Human)
SwissProt	Q12933(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

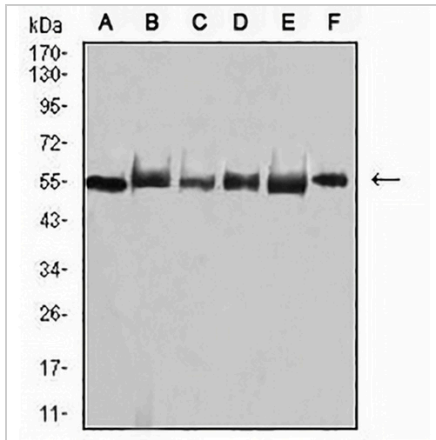
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

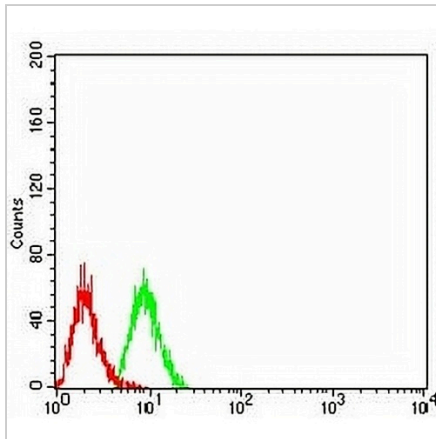
TRAF2 Mouse Monoclonal Antibody(C3008)

CAT. NO. AMA02620

DATA



Western blot analysis of TRAF2 expression in MCF7 (A), A431 (B), HeLa (C), Jurkat (D), HEK293 (E), Ramos (F) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 55 kD)



Flow cytometric analysis of HeLa cells using Anti-TRAF2 Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.